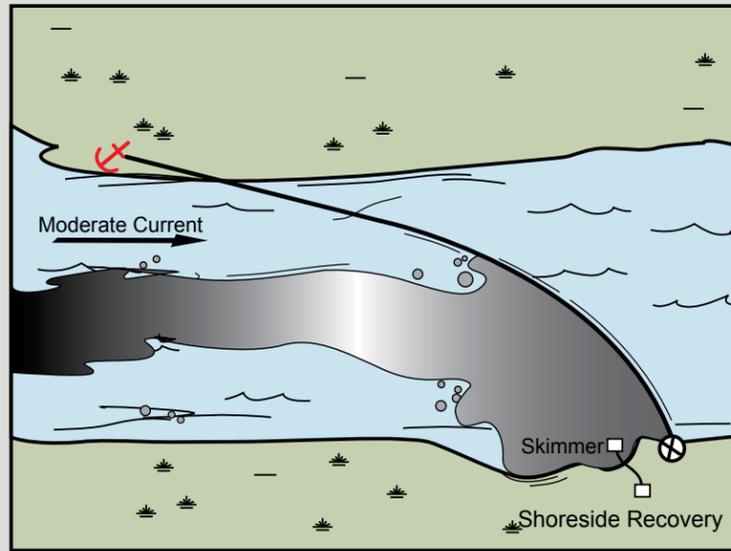


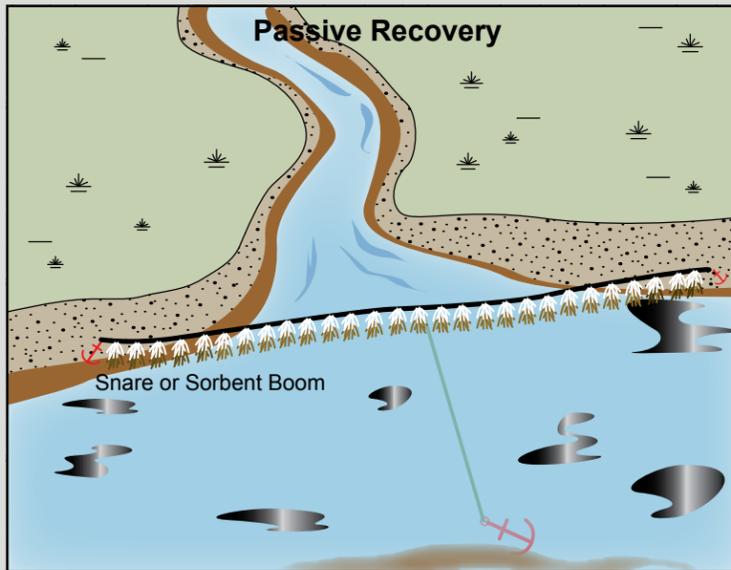
# Singoalik Lagoon, NWA-N01

Center of map at 67° 59'22" N Lat., 165° 13'37" W Lon.

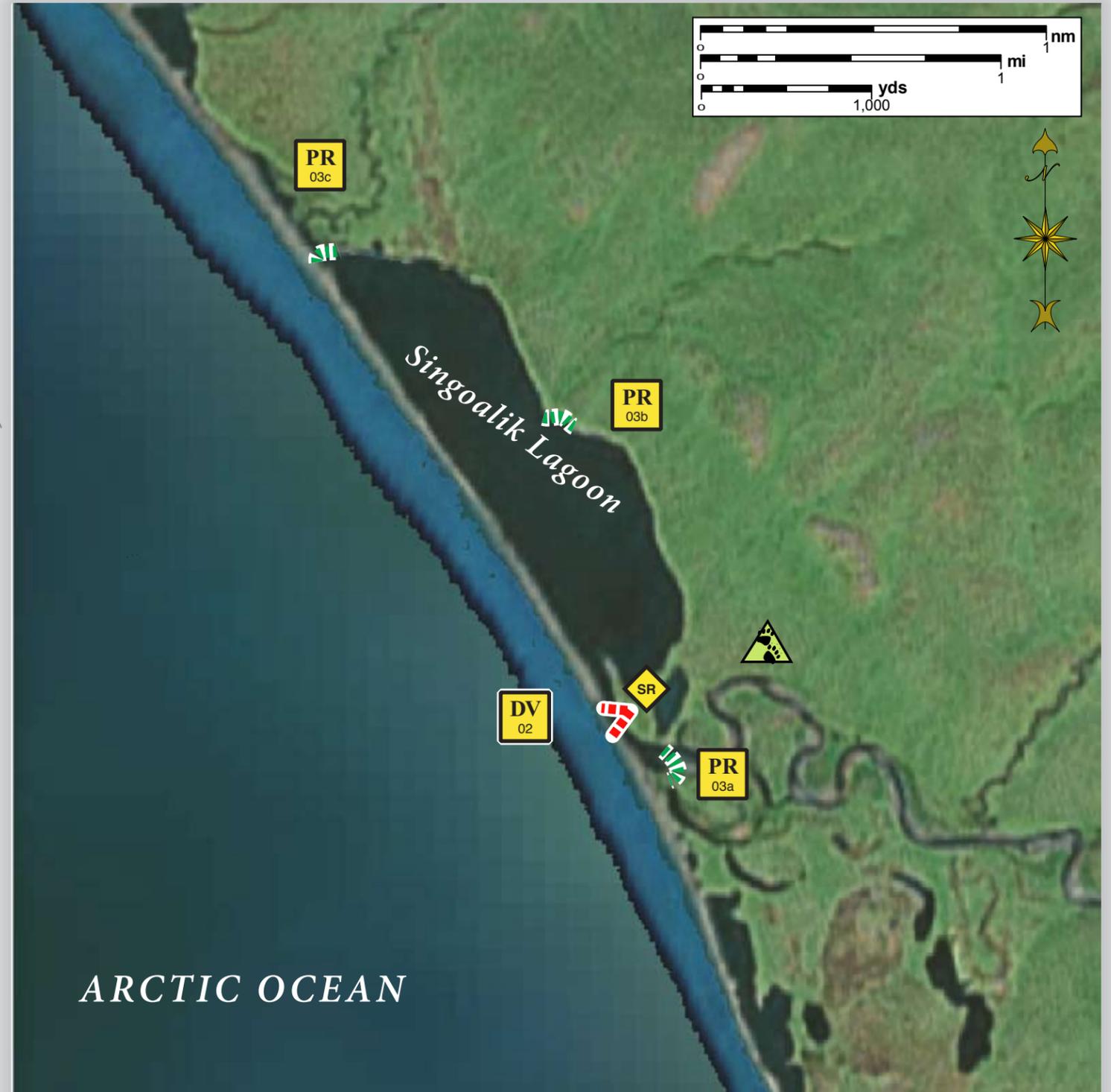
## Geographic Response Strategies for Northwest Arctic Subarea, Northern Zone



An example of the *Diversion Booming Tactic*. Actual deployment should be adjusted for local conditions.



An example of the *Passive Recovery Tactic*. Actual deployment should be adjusted for local conditions.



ARCTIC OCEAN

This is not intended for navigational use.

### Map Legend

- DV** Diversion Booming
- PR** Passive Recovery
- SR** Shoreside Recovery
- Protected-water Boom
- Snare or Sorbent Boom
- Bears in Area, Guards Recommended

Aerial photography of this area is unavailable at this time, but may be included as it becomes available.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
N-01-01 	<b>Singoalik Lagoon</b> Nearshore waters in the general area of:  Lat. 67° 58.5 N Lon. 165° 14.15 W	<b>Free-oil Recovery</b> Maximize free-oil recovery in the offshore & nearshore environment of Singoalik Lagoon depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Singoalik Lagoon.  Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Kivalina	Via marine waters  Chart 16005	Same as N-01-02	Vessel master should have local knowledge.  Use extreme caution, shoal waters with numerous reefs and rocks.
N-01-02 	<b>Singoalik Lagoon</b> Lat. 67° 58.61 N Lon. 165° 12.89 W	<b>Divert and Collect</b> Divert oil to shore-side collection points determined by spill source and trajectory.  The entrance to the lagoon may change seasonally and large storms may open the lagoon in other areas on the barrier beach. Aerial survey recommended prior to deployment.	Deploy anchors and boom with skiffs (class 6).  Place protected-water boom at proper angle to divert incoming oil to the collection site.  Set-up collection site using shore-side collection units or if oil volume is minimal, use sorbent boom or snare line to provide collection of oil.  Tend throughout the tide.	<b>Deployment Equipment</b> 650 ft. protected-water boom 7 ea. small anchor systems 8 ea. anchor stakes 200 ft. snare line or sorbent boom or 2 ea. shore-side collection units <b>Vessels</b> 1 ea. class 3 1 ea. class 6 1 ea. helicopter (if needed for N-01-03) <b>Personnel/Shift</b> 5 ea. vessel crew 2 ea. response techs <b>Tending</b> <b>Vessels</b> 1 ea. class 3 1 ea. class 6 <b>Personnel/Shift</b> 3 ea. vessel crew 2 ea. response tech	Vessel platform	Via marine waters  Chart 16005	Birds- shorebird concentration  Marine mammals- polar bears  Habitat- Low lying tundra, marsh, sheltered tidal flats	Vessel master should have local knowledge.  A population of bears may be present in the area. A bear guard is required during these periods.  FOSC Historic properties specialist should INSPECT site prior to operations.  Take appropriate measures as outlined in the STAR Manual to protect the beach at the collection site.  Site Survey: not surveyed  Tested: not yet
N-01-03 	<b>Singoalik Lagoon</b> a. Lat. 67° 58.83 N Lon. 165° 12.89 W  b. Lat. 67° 59.69 N Lon. 165° 13.66 W  c. Lat. 68° 00.07 N Lon. 165° 15.68 W	<b>Passive Recovery</b> The lagoon is closed to direct ocean access. If storms have, or threaten to breach the barrier beach, place passive recovery across the channels of the streams in Singoalik Lagoon.  The lagoon may not be accessible with skiffs. Helicopter deploy when not accessible.	Transport boom to the lagoon via helicopter.  Place and anchor three 200 ft. sections of snare line or sorbent boom across the channels of streams in Singoalik Lagoon.  Replace as necessary to maximize the recovery.	<b>Deployment Equipment</b> 600 ft. snare line or sorbent boom 3 ea. anchor systems 12 ea. anchor stakes <b>Vessels/Personnel/Shift</b> Same as N-01-02 <b>Tending</b> <b>Vessels/Personnel/Shift</b> Same as N-01-02	Vessel platform	Via marine waters  Chart 16005	Same as N-01-02	Vessel master should have local knowledge.  Threatened or endangered species/habitat is present or possible in the area. Consult with NOAA and DOI prior to deployment.

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the NWA Sub-Area Contingency Plan: [http://dec.alaska.gov/spar/perp/plans/scp\\_nwa.htm](http://dec.alaska.gov/spar/perp/plans/scp_nwa.htm).